

Form PTO-1449 (adapted)		Docket No. 802-04RE	Serial No. 09/366,081
REFERENCES CITED BY APPLICANT		Applicant Brenner	
		Filing Date 2 August 1999	Group M. Shibuya

U.S. PATENT DOCUMENTS

Examiner's Initial	Document Number	Class/Subclass	Title	Filing Date (dd.mm.yy)
D1*	5,302,509	435/6	Method for sequencing polynucleotides	27.02.91
D2**	5,482,836	435/6	DNA purification by triplex-affinity capture and affinity capture electrophoresis	14.01.93

* Submitted in prior application 08/322,348 (now abandoned)

** Submitted in prior application 08/358,810 (now U.S. patent 5,604,097)

FOREIGN PATENT DOCUMENTS

Examiner's Initial	Country and Document Number	Inventor	Title	Publication Date (dd.mm.yy)
D3*	PCT/US91/09217 WO 92/10587	Dower	Sequencing of surface immobilized polymers utilizing microfluorescence detection	25.06.92
D4*	PCT/US93/03418 WO 93/21203	Shortle	Synthesis of diverse and useful collections of oligonucleotides	28.10.93
D5*	PCT/US93/09345 WO 94/08051	Still	Complex combinatorial chemical libraries encoded with tags	14.04.94
D6*	PCT/US93/03767 WO 93/22680	McGall	Spatially-addressable immobilization of oligonucleotides and other biological polymers on surfaces	11.11.93
D7*	PCT/US93/01552 WO 93/17126	Chetverin	Novel oligonucleotide arrays and their use for sorting, isolating, sequencing, and manipulating nucleic acids	02.09.93

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** Submitted in prior application 08/358,810 (now U.S. patent 5,604,097)

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Examiner's Initial		Country and Document Number	Lead Inventor	Title	Publication Date
	D8*	PCT/US91/09226 WO 92/10588	Fodor	Sequencing by hybridization of a target nucleic acid to a matrix of defined oligonucleotides	25.06.92
	D9*	PCT/US93/04145 WO 93/22684	Fodor	Factorial Chemical Libraries	11.11.93
	D10*	PCT/US91/04666 WO 92/00091	Lam	Random Bio-oligomer library, a method of synthesis thereof, and a method of use thereof	09.01.92
	D11*	PCT/GB89/01114 WO 90/03382	Southern	Support-bound oligonucleotides	05.04.90
	D12*	EP 0 392 546	Drmanac	Process for determination of a complete or a partial contents of very short sequences in the samples of nucleic acids connected to the discrete particles of microscopic size by hybridization with oligonucleotide probes	17.10.90
	D13*	CA 2,036,946	Deugau	Indexing linkers.	07.10.91
	D14**	PCT/GB95/00109 WO95/20053	Sibson	Sequencing of Nucleic Acids	27.07.95
	D15**	EP 0 303 459	Church	Multiplex sequencing	15.02.89
	D16**	PCT/US92/07815 WO93/06121	Dower	Method of synthesizing diverse collections of oligomers	01.04.93

* Submitted in prior application 08/322,348 (now abandoned)

** Submitted in prior application 08/358,810 (now U.S. patent 5,604,097)

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Examiner's Initial	Citations
D17**	Crick et al, "Codes without commas," Proc. Natl. Acad. Sci., 43: 416-421 (1957)

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D18**	Ohlmeyer et al, "Complex synthetic chemical libraries indexed with molecular tags," Proc. Natl. Acad. Sci., 90: 10922-10926 (1993)
D19**	Brenner and Lerner, "Encoded combinatorial chemistry," Proc. Natl. Acad. Sci., 89: 5381-5383 (1992)
D20**	Maskos and Southern, "Oligonucleotide hybridizations on glass supports: a novel linker for oligonucleotide synthesis and hybridization properties of oligonucleotides synthesized in situ," Nucleic Acids Research, 20: 1679-1684 (1992)
D21**	Matthews and Kricka, "Analytical strategies for the use of DNA probes," Anal. Biochem. 169: 1-25 (1988)
D22**	Broude et al, "Enhanced DNA sequencing by hybridization," Proc. Natl. Acad. Sci., 91: 3072-3076 (1994)
D23**	Nielsen et al, "Synthetic methods for the implementation of encoded combinatorial chemistry," J. Am. Chem. Soc. 115: 9812-9813 (1993)
D24**	Needels et al, "Generation and screening of an oligonucleotide-encoded synthetic peptide library," Proc. Natl. Acad. Sci., 90: 10700-10704 (1993)
D25**	Chetverin et al, "Oligonucleotide arrays: New concepts and possibilities," Biotechnology, 12: 1093-1099 (1994)
D26**	Yang and Youvan, "A prospectus for multispectral-multiplex DNA sequencing," Biotechnology, 7: 576-580 (1989)
D27**	Church et al, "Multiplex DNA Sequencing," Science, 240: 185-188 (1988)
D28**	Beck et al, "A strategy for the amplification, purification, and selection of M13 templates for large-scale DNA sequencing," Analytical Biochemistry, 212: 498-505 (1993)
D29**	Ji and Smith, "Rapid purification of double-stranded DNA by triple-helix-mediated affinity capture," Anal. Chem., 65: 1323-1328 (1993)

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	D35**	Kuijper et al, "Functional cloning vectors for use in directional cDNA cloning using cohesive ends produced with T4 DNA polymerase," Gene, 112: 147-155 (1992)
	D36**	Aslanidis et al, "Ligation-independent cloning of PCR products (LIC-PCR)," Nucleic Acids Research, 18: 6069-6074 (1990)
	D37**	Wetmur, "DNA probes: applications of the principles of nucleic acid hybridization," Critical Reviews in Biochemistry and Molecular Biology, 26: 227-259 (1991)
	D38**	Egholm et al, "PNA hybridizes to complementary oligonucleotides obeying the Watson-Crick hydrogen-bonding rules," Nature, 365: 566-568 (1993)
	D39**	Gryaznov et al, "Modulation of oligonucleotide duplex and triplex stability via hydrophobic interactions," Nucleic Acids Research, 21: 5909-5915 (1993)
	D40**	Ji et al, "Rapid purification of double-stranded DNA by triple-helix-mediated affinity capture," Anal. Chem. 65: 1323-1328 (1993)

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